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Office Memorandum • UNITED STATES GOVERNMENT

SPM 8-797

DATE: 12 September 1958

TO : Chief, Engineering Division, OC

FROM : Chief, Supplemental Programs Division, OC

SUBJECT: Request for Information Concerning RD 605 T.O.2

REF : A. SPM 7-678

B. Collins Report No. CEP-1072 dated 28 March, 1958

1. The Supplemental Programs Division has a requirement for an antenna covering 55 mcs to 1000 mcs. This frequency range requirement stems from the Nems-Clarke range extender development. We find that operating effectiveness could be increased and installation requirements decreased by utilizing one antenna on the 1302 receiver and REV 300 combination.

2. The subject contract is providing a 30 to 600 mcs antenna which is applicable in every respect except frequency coverage. Since the contracted antenna has a 20:1 frequency coverage; we request, therefore, that budgetary cost estimates be provided for quantities of five and fifteen antennas covering 55-1000 mcs. The feed point impedance should be 50 ohms unbalanced and identical in all other electrical characteristics. Mounting arrangements should be made for outdoor installations on a three inch O.D. pipe which will be rotator driven.

3. For additional details please contact [redacted], OC-SP/EA,
extension [redacted]

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[redacted]
Acting

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